

## **Boeing Cargo MPS Halon Replacement Test Cell, Design and Construction**

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This presentation provides an overview of the Minimum Performance Standard cargo compartment simulator design and construction. The simulator was designed and built at the Hazardous Test Facility located at the North Boeing Field site in Seattle. Included herein are details of the structure, data collection systems and safety precautions required by both the published FAA MPS document and those to achieve functional excellence. The results of the testing performed in this cargo compartment simulator have established the baseline for comparisons between alternative cargo fire suppression agents and Halon 1301.